
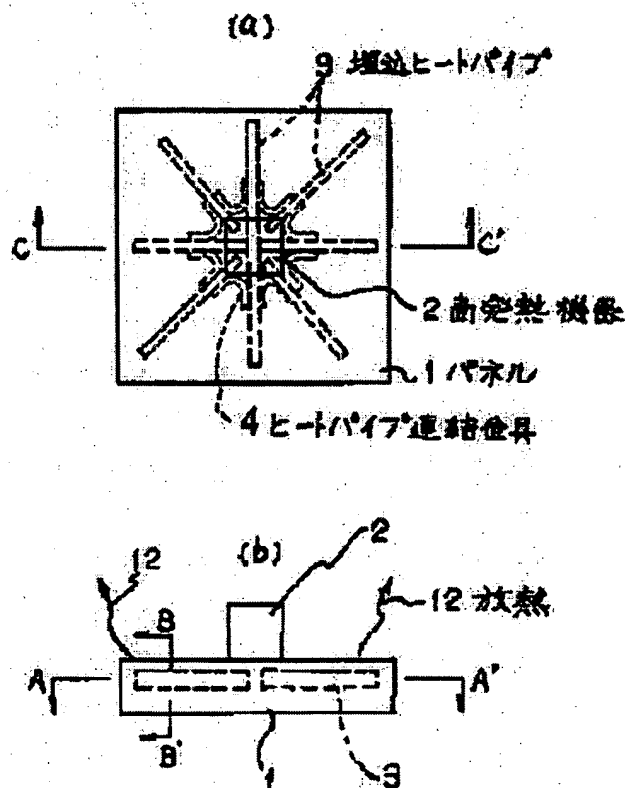


HEAT PIPE HEAT RADIATING DEVICE**Patent number:** JP9303981**Publication date:** 1997-11-28**Inventor:** KOBAYASHI AKIHIDE**Applicant:** NEC CORP**Classification:****- International:** F28D15/02; F28D15/02; H01L23/427; H05K7/20**- european:****Application number:** JP19960114004 19960508**Priority number(s):****Also published as:** JP9303981 (A)**Abstract of JP9303981**

PROBLEM TO BE SOLVED: To high-efficiently dissipate heat generated by a high heat generator mounted on an artificial satellite.

SOLUTION: Heat pipes 3 having a number of grooves formed in the inner part of a panel 1 are embedded radially centering around a high heat generator 2 and the heat pipes 3 are coupled together through a heat pipe coupling metal fitting 4 having high thermal conductivity. This constitution uniformly diffuses heat generated by the high heat generator 2 in a panel 1 and high-efficiently dissipates heat by a panel 1. Further, since, in a ground test, heat is high-efficiently dissipated even when an influence is exercised by gravity, a ground test is easily practicable.



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